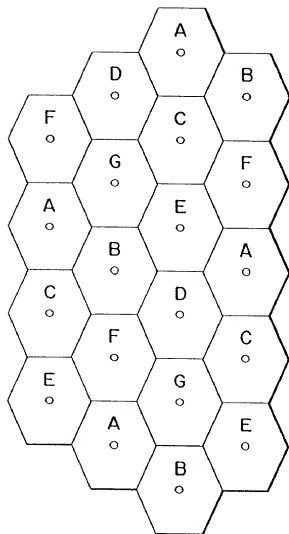


FIG. 1
(PRIOR ART)



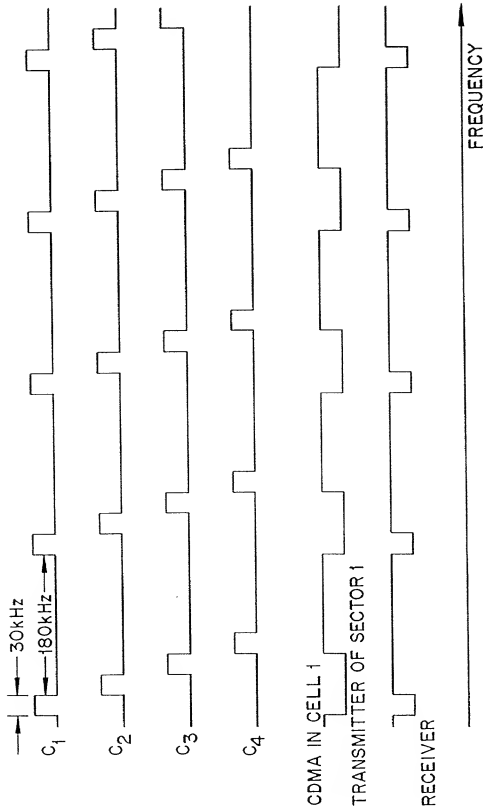


FIG. 2
(PRIOR ART)

FIG. 3

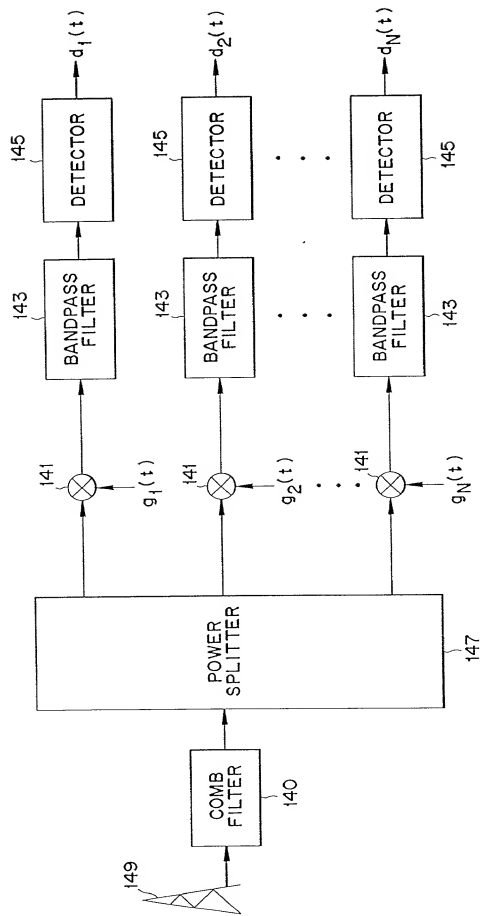


FIG. 4

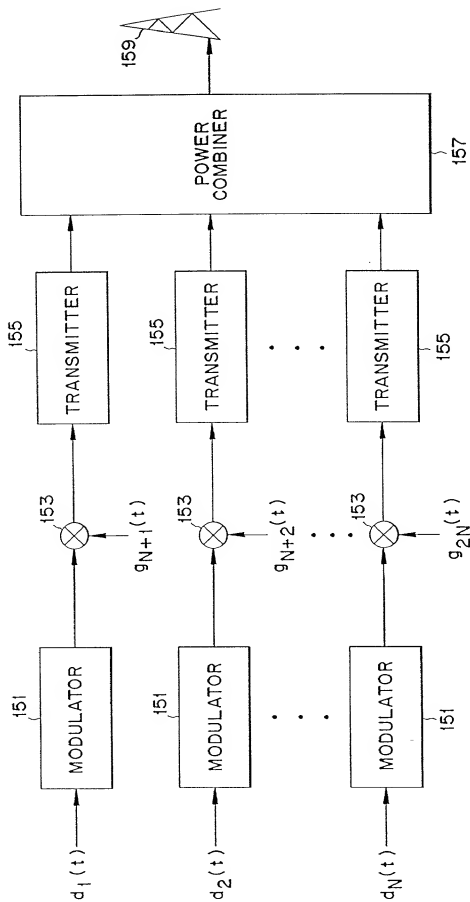
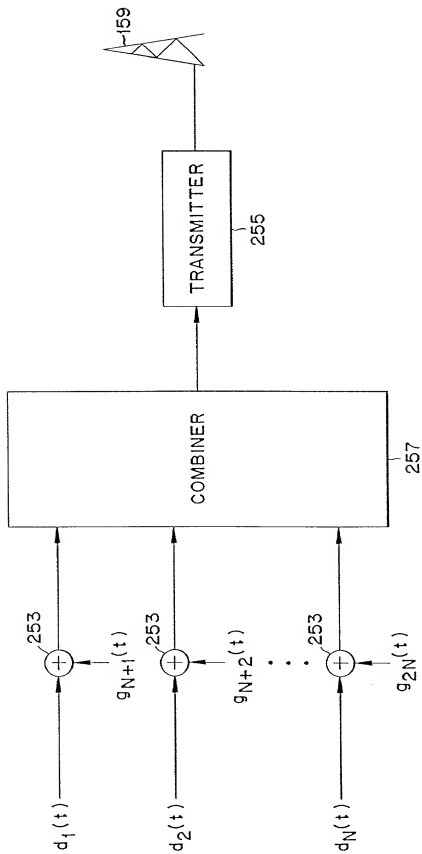


FIG. 5



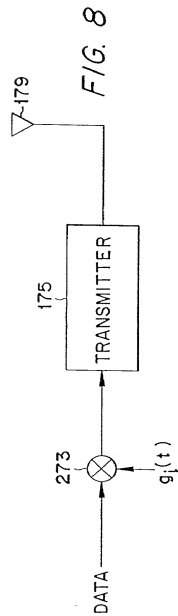
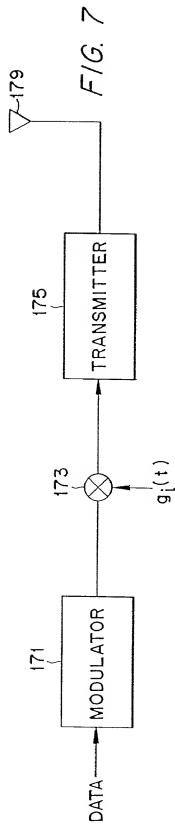
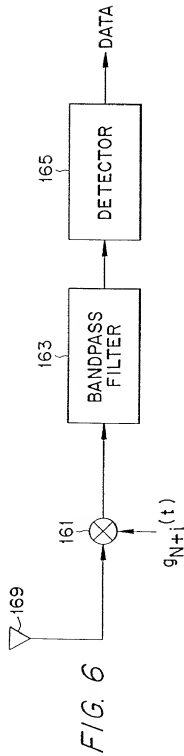


FIG. 9

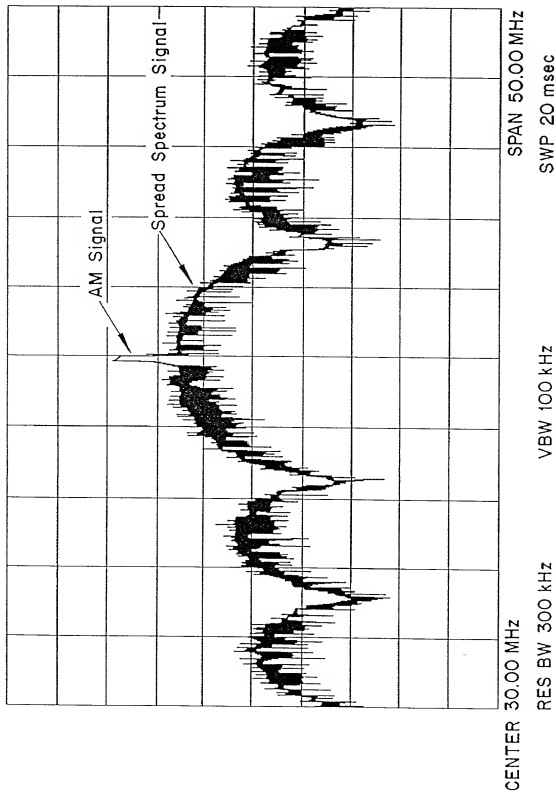


FIG. 12

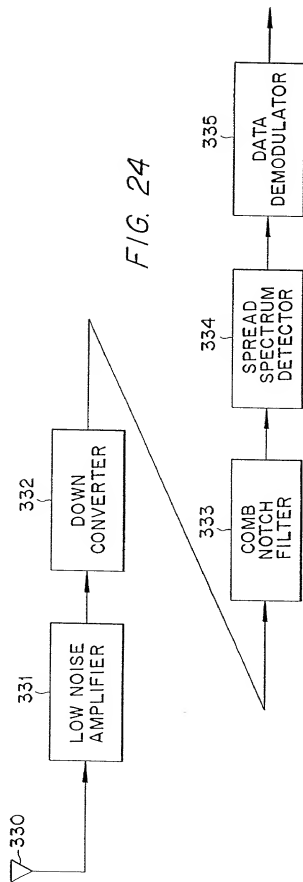
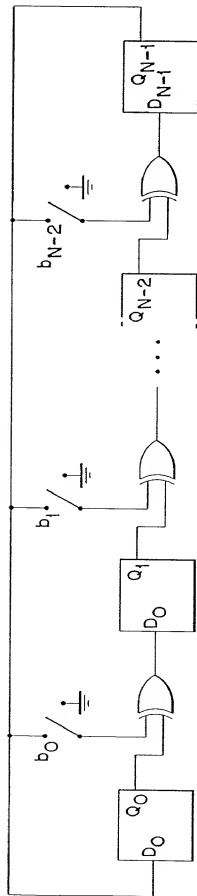


FIG. 24

FIG. 14

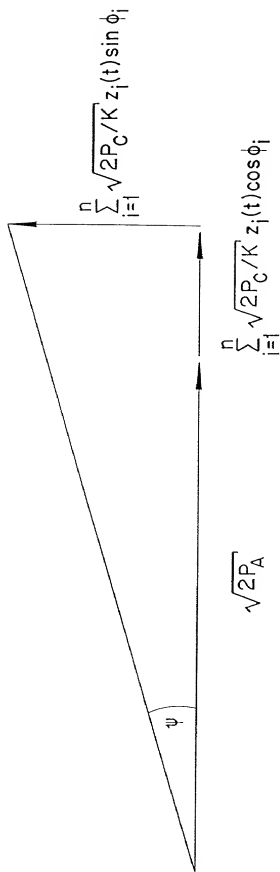
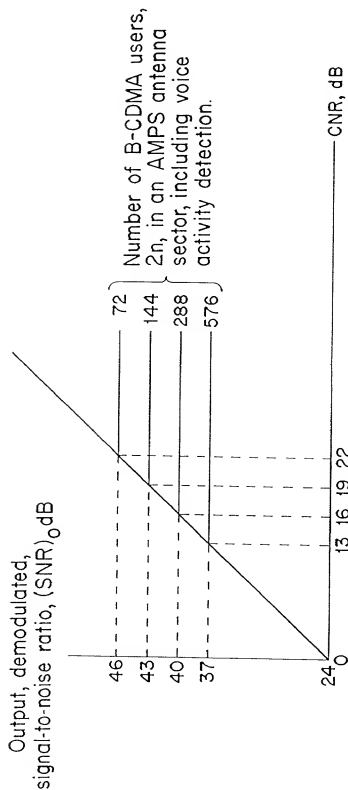


FIG. 15



Input signal power to thermal noise ratio

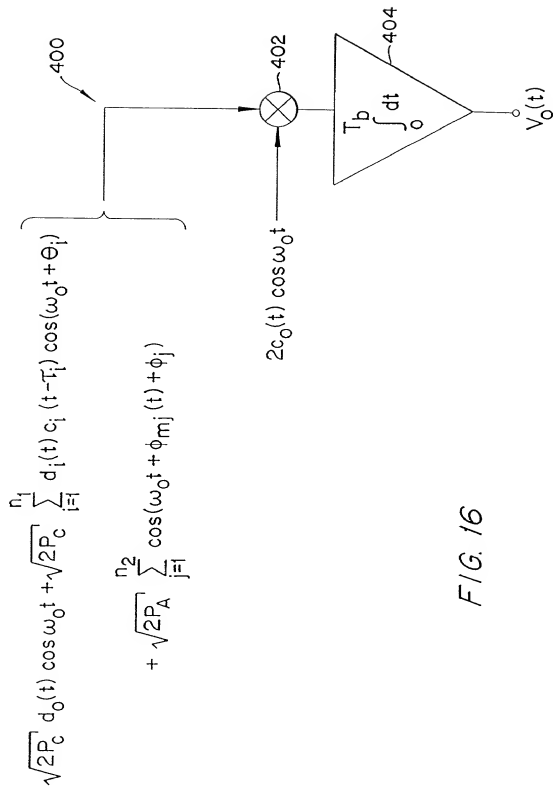


FIG. 16

FIG. 17

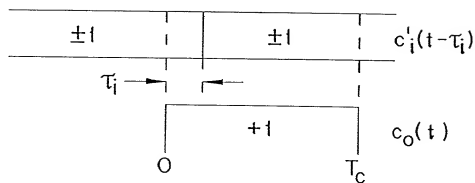


FIG. 18

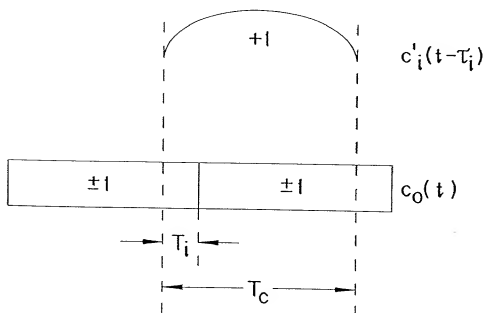


FIG. 19

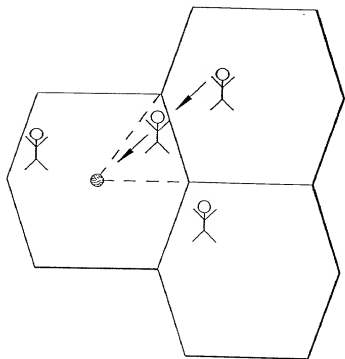


FIG. 20

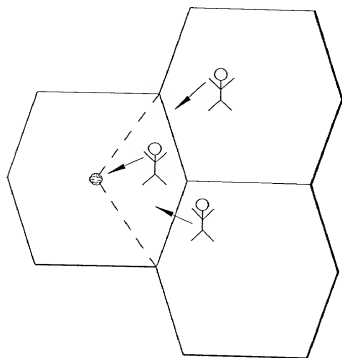


FIG. 21

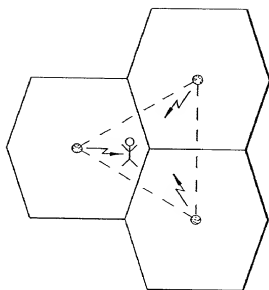


FIG. 22

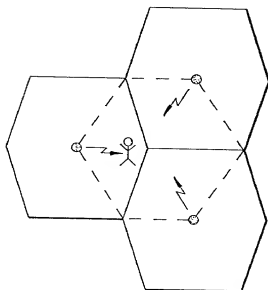
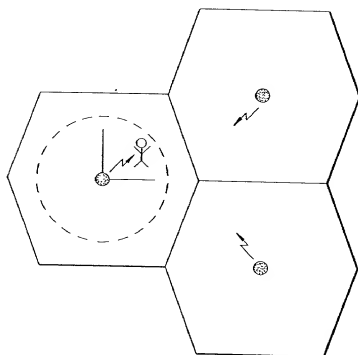


FIG. 23



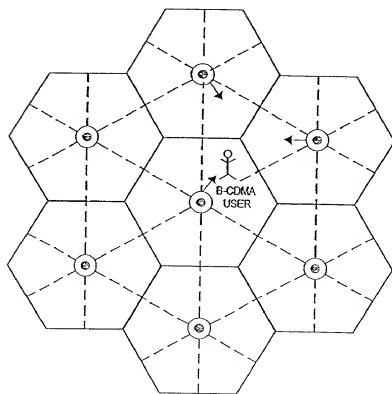


FIG. 25

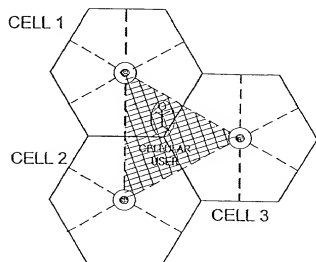


FIG. 26